

FORM PTO-1390  
(REV. 01-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

04556/HG

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

**10/507539**INTERNATIONAL APPLICATION NO.  
PCT/JP03/03289INTERNATIONAL FILING DATE  
March 18, 2003PRIORITY DATE CLAIMED  
May 16, 2002TITLE OF INVENTION APPARATUS FOR CONTINUOUS DISSOLUTION, PROCESS FOR CONTINUOUS  
DISSOLUTION AND APPARATUS FOR SUPPLYING WATER CONTAINING DISSOLVED GAS

APPLICANT(S) FOR DO/EO/US HIROSHI MORITA; Junichi IDA; Kazumi TSUKAMOTO

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ A change of correspondence address letter (Form PTO/SB/122)
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

- (a) copy of REQUEST for PCT/JP03/03289
- (b) copy of Form PCT/IB/308 for PCT/JP03/03289
- (c) copies of first two pages of WO 03/097223  
(published application of PCT/JP03/03289)
- (d) copy of International Search Report (Form PCT/ISA/210) with  
English-language translation thereof for PCT/JP03/03289
- (e) REQUEST FOR PUBLICATION OF ASSIGNMENT  
INFORMATION
- (f) Formal Drawings (Figs. 1 and 2, two sheets)

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Date of Deposit: SEPTEMBER 13, 2004I hereby certify that this paper is being  
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date indicated above and is addressed to  
the Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450*Dorothy DeFrancesco*  
Dorothy DeFrancesco

21. ☒ The following fees are submitted:

**BASIC NATIONAL FEE** (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... **\$1080.00**

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... **\$920.00**

International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... **\$770.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... **\$730.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... **\$100.00**

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

**\$ 920.00**

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MULTIPLE DEPENDENT CLAIM(S) (if applicable)	+ \$290.00	\$	
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- REGISTRATION NUMBER**

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10/507539

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

**DT09 Rec'd PCT/PTO 13 SEP 2004**

Applicants : Hiroshi MORITA et al  
Serial No. : To be assigned (U.S. National  
Phase of PCT/JP03/03289)  
Filed : Concomitantly Herewith  
For : APPARATUS FOR CONTINUOUS  
DISSOLUTION, PROCESS FOR  
CONTINUOUS DISSOLUTION AND  
APPARATUS FOR SUPPLYING WATER  
CONTAINING DISSOLVED GAS

Docket No. : 04556/HG

Customer No.: 01933

**REQUEST FOR PUBLICATION OF  
ASSIGNMENT INFORMATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

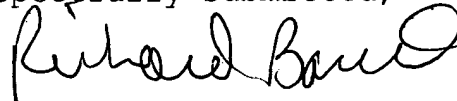
**ATTENTION: MAIL STOP PCT**

S I R :

It is requested that the following assignment information be published as part of the 18-month publication of the present application:

KURITA WATER INDUSTRIES LTD.  
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Respectfully submitted,



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Dorothy DeFrancesco

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